Outdoor PoE Repeater over 2-wire (Slave)

POT-1110

H/W Version: 1

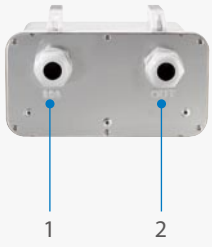
The POT system, one master & one slave units, provide a long-reach Ethernet extension with remote Power-over-Ethernet (PoE) capability over a 2-wire line. Connection with a Class 0 PD device, the distance of two-wire 24AWG cables can be up to 400 meters when using a 48Watt high power PoE Switch, FSW-0513/0543. Users may select a fixed data rate for different copper line ranging. The maximum data rate can be up to 60 Mbps full duplex for 2-wire line.

The POT master unit is powered by the local PoE Ethernet network, and transmits both the data and power to the remote slave unit over 2-wire cable. The remote unit regenerates the power and provides the PoE capability to power up the remote PD device up to 15 watts when connecting to 48Watt High Power Switch, FSW-0513. The POT M/S supports the indoor & outdoor models with wall-mount feature.

Equipped with dip switches, the 2-wire line speed can be configured to meet different line gauges and distances. A POT pair offers a cost effective solution for remote power applications such as LAN-to-LAN connectivity, Video Streaming, FTTB, and MDU/MTU over single twisted line.

IP-66

POT-1110 is IP66-compliant meaning it is weatherproof from snow, rain, typhoons, desert heat, etc. This PoE Repeater is up to the challenge for deployment in any harsh weather condition!



1. RJ45 In
2. RJ45 Out

Key Features

- Two-wire cables are used to connect 100Mbps Fast Ethernet PoE devices
- Maximum distance up to 500 meters for 24 AWG cable
- Maximum data rate up to 60 Mbps full duplex
- Remote PoE capability for PD devices of WiFi AP, IP camera, IP telephones
- Up to 15 Watts for remote PoE, Depending on PSE power
- Easy installation by indoor & outdoor different models
- IEEE 802.3af PSE Compliant for Class 0~3
- Dip Switches for 2-wire line rate settings
- Auto MDIX for 10/100 Base T Ethernet LAN Ports
- Low-Latency for Video/Voice/Data applications

Works Well With

POI-4000
High-power PoE Injector

FSW-0513
4-Port High Power PoE Switch

Technical Specification

Line Interface
Data Rate: 60/60 Mbps
Power: 48V
RJ-11 Connector x 1

LAN Interface
Auto-Detection for 10/100 BASE-T and Half / Full duplex
Full compatible with IEEE 802.3 / IEEE802.3u
Automatic MDIX Function
RJ-45 Connector x 1

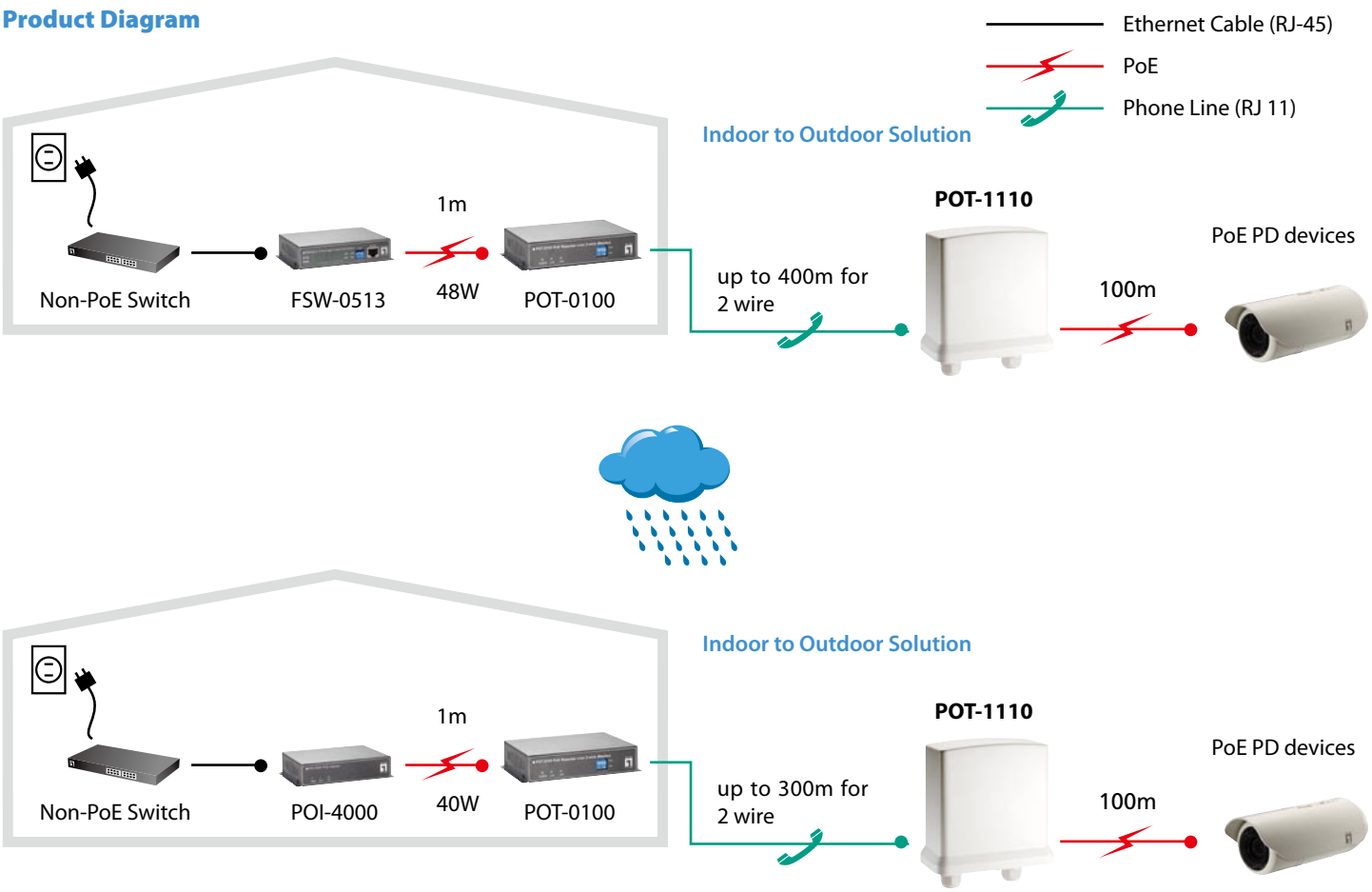
PSE
IEEE 802.3af Complaint with Output Voltage within 44~57V
Safety-Extra-Low-Voltage (SELV) Compliant
Maximum output power 15 Watts

Physical Dimension (L x W x H):
180mm x 165mm x 95mm

Operating Environment:
Humidity: 5% ~95% non-condensing
Temperature: 0~50°C

Regulatory Compliance:
FCC Rules Part 15
CE

Product Diagram



Note: These distances are typical results when used with 24AWG RJ-11 Cable

Order Information **POT-1110:** Outdoor PoE Repeater over 2-wire (Slave)

Package Contents POT-1110 x 1, User Manual x 1, Mounting kit x 1

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